

I claim:

- 1 1. A method, comprising:
2 receiving a first Internet request having a first IP
3 address;
4 directing the first request to a first domain
5 processing shell for processing;
6 binding the first request to a particular socket
7 number in a particular computer;
8 receiving a second Internet request having a second
9 IP address;
10 directing the second request to a second domain
11 processing shell for processing; and
12 binding the second request to the particular socket
13 number in the particular computer;
14 wherein the second binding takes place while the
15 first binding is still active.
- 1 2. The method of claim 1, wherein the particular socket
2 number is selected from a full range of permissible socket
3 numbers.
- 1 3. The method of claim 1, wherein directing the first
2 request includes allocating the first request from an IP
3 stack.

1 5. The method of claim 1, wherein receiving the first
2 Internet request includes receiving with a network
3 interface card.

1 7. The method of claim 1, wherein directing the first
2 and second requests includes using a domain name service
3 table.

1 8. A machine-readable medium having stored thereon
2 instructions, which when executed by at least one
3 processor cause said at least one processor to perform
4 operations comprising:

7 directing the first request to a first domain

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8      processing shell associated with the first IP
9      address for processing;
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1 9. The medium of claim 8, wherein the particular socket
2 number is selected from a full range of permissible socket
3 numbers.

1 10. The medium of claim 8, wherein directing the first
2 request includes allocating the first request from an IP
3 stack.

1 11. The medium of claim 10, wherein directing the second
2 request includes allocating the second request from the IP
3 stack.

- 1 16. The apparatus of claim 15, wherein:
2 the first domain processing shell includes a first
3 set of available socket numbers; and
4 the second domain processing shell includes a second
5 set of available socket numbers;
6 wherein at least one available socket number in the
7 first set duplicates at least one available
8 socket number in the second set.
- 1 17. The apparatus of claim 15, further comprising:
2 process tables correlating a first set of processes
3 to the first domain and correlating a second set
4 of processes to the second domain.